



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Beachy et al.

Serial No: 09/090,622

Filed: June 4, 1998

For: Inhibitors of Hedgehog Signalling
Pathways, Compositions and Uses
Related Thereto

Attorney Docket No. JHUC-P01-010

Art Unit: 1616

Examiner: Badio, B.

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to: Assistant Commissioner for Patents Washington, D.C. 20231 on the date indicated below:

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Patricia A. Kenyon

Assistant Commissioner of Patents
Washington, D.C. 20231

RESPONSE UNDER 37 CFR 1.111

Sir:

This amendment is being filed in response to the outstanding Office Action, mailed August 24, 2001, in connection with the above application. Please enter the following amendments:

In the claims:

For the convenience of the Examiner, all claims being examined, whether or not amended, are presented below.

3. (Twice Amended) A method for inhibiting activation of a *hedgehog-patched* pathway in a patient diagnosed with a **hyperproliferative disorder**, comprising administering to the patient a composition comprising a purified hedgehog antagonist in a sufficient amount to reduce the activation of the *hedgehog-patched* pathway in a cell of the patient, wherein the antagonist is a